



## 11.7. APPENDIX G: DUTY CYCLE 11.7.1. Test Result-SU mode

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	8.38	8.82	0.9501	95.01	0.22	0.12	1
11G	1.39	1.85	0.7514	75.14	1.24	0.72	1
11N20MIMO	1.30	1.74	0.7471	74.71	1.27	0.77	1
11AX20MIMO	1.03	1.49	0.6913	69.13	1.60	0.97	1

Note:

Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.



## 11.7.2. Test Graphs-SU mode



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Control Contr	SENSE:INT ALIGN AUTO	02:18:53 PM Dec 22, 2024	
Center Freq 2.412000000 GHz NFE PNO: Fast IFGain:Low	Trig Delay-200.0 µs #Avg Type: RMS Trig: Video #Atten: 26 dB	TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P P P P P	
Ref Offset 22.32 dB 10 dB/dly Ref 38.32 dBm	2	∆Mkr3 1.490 ms 47.04 dB	Tune
			er Freq
18.3		2.4120000 TRDLVL	00 GHz
-1.88		205 Star 2.4120000	rt Freq 00 GHz
-21.7			pFreg
-41.7		2.4120000	
Center 2.412000000 GHz Res BW 8 MHz #VBW	V 8.0 MHz Sweep 5	Span 0 Hz Ci 50.13 ms (8000 pts) 8.0000	F Step
MOR MODE TRC SCL X 1 N 1 t 48.45 ms	Y FUNCTION FUNCTION WOTH	Auto	Man
2 Δ1 1 t (Δ) 1.030 ms (Δ) 3 Δ1 1 t (Δ) 1.490 ms (Δ) 4	-27.27 dBm 13.03 dB 47.04 dB	Freq	Offset
5 6 7		Scale	е Туре
9 10 11		Log	Lin
MSG	III	5	
	X20MIMO_Ant0_241	12	



11.7.3.	<b>Test Result-Partial RU</b>
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Test Mode	RU Size	RU Index	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11AX20MIMO	26Tone	RU0	0.85	1.27	0.6693	66.93	1.74	1.18	2
	52Tone	RU37	0.81	1.22	0.6639	66.39	1.78	1.23	2
	106Tone	RU53	0.74	1.17	0.6325	63.25	1.99	1.35	2
	26Tone	RU4	0.86	1.27	0.6772	67.72	1.69	1.16	2
	52Tone	RU38	0.81	1.22	0.6639	66.39	1.78	1.23	2
	26Tone	RU8	0.86	1.26	0.6825	68.25	1.66	1.16	2
	52Tone	RU40	1.48	1.91	0.7749	77.49	1.11	0.68	1
	106Tone	RU54	0.74	1.16	0.6379	63.79	1.95	1.35	2

Note:

Duty Cycle Correction Factor=10log (1/x).

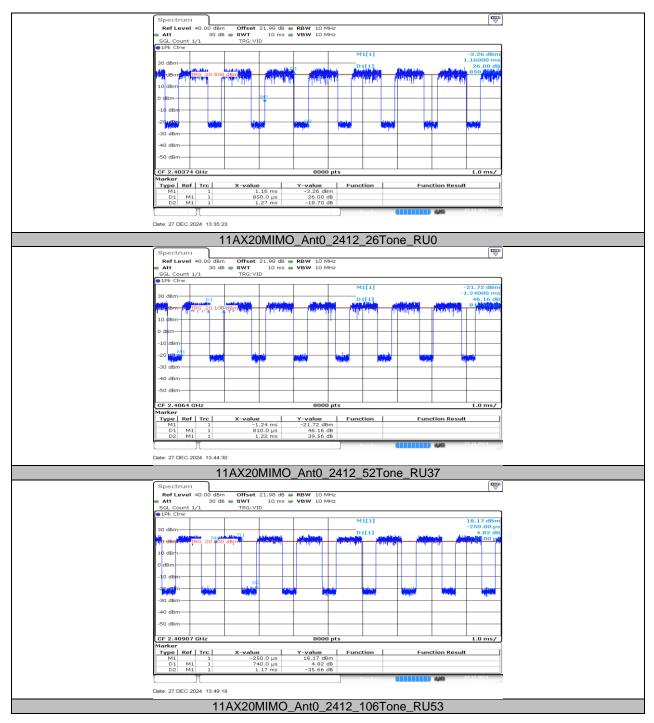
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

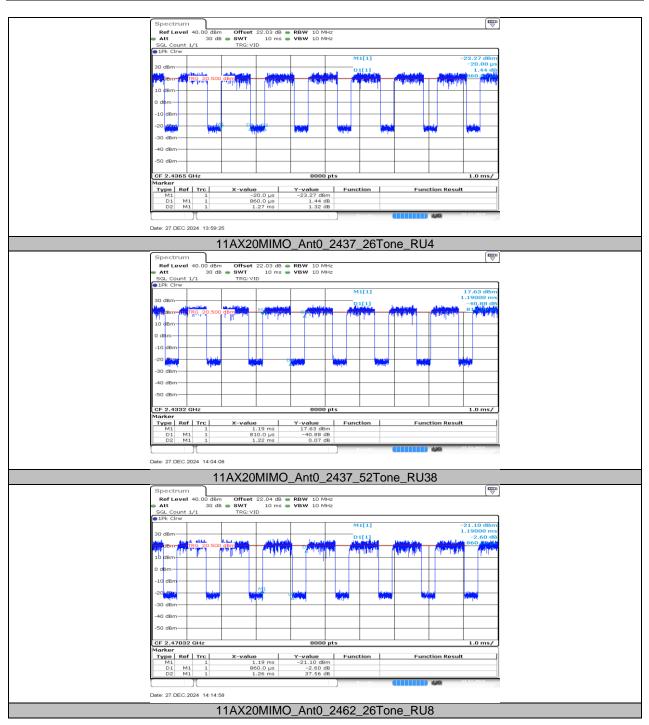


## 11.7.4. Test Graphs-Partial RU

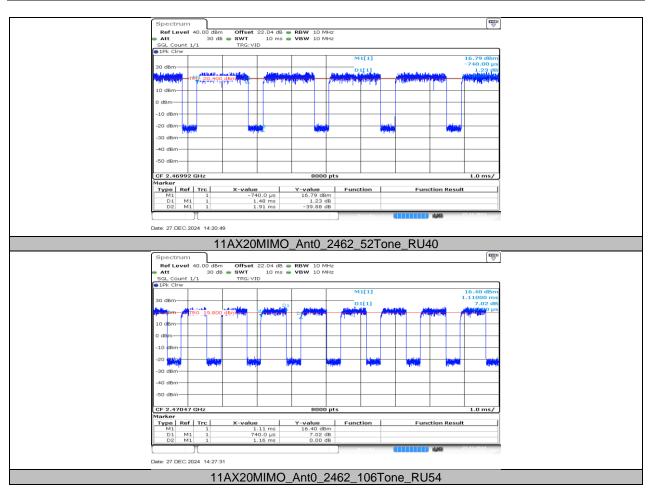


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## **END OF REPORT**